

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**AM-6265.D1**

In Re Application of **Peijun DING et al.**

Serial No.  
**10/646,014**

Filing Date  
**August 22, 2003**

Examiner  
**Unknown**

Group Art Unit  
**Unknown**

Title: **Auxiliary Magnet Array in Conjunction with Magnetron Sputtering**

Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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(Under 37 CFR 1.97(b) & 1.97(e))

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Auxiliary Magnet Array in Conjunction with Magnetron Sputtering

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0636 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
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**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited **December 3, 2003** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Signature of Person Mailing Correspondence

Ingrid C. Mallory

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Dated: December 3, 2003

Charles S. Guenzer, Reg. No. 30,640  
(650) 566-8040

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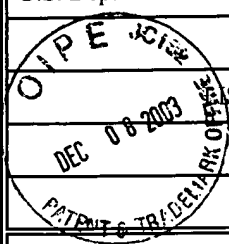
Applied Materials, Inc.

Patent/Legal Department

P.O. Box 450A

Santa Clara, CA 95052

CC:

U.S. Department of Commerce, Patent and Trademark Office					Docket No.: <b>AM-6265.D1</b>		
					Serial No.: <b>10/646,014</b>		
LIST OF RELEVANT ART CITED BY APPLICANT					Applicant: <b>Peijun DING et al.</b>		
(Use several sheets if necessary)					Filing Date: <b>August 22, 2003</b>		
					Group: <b>Unknown</b>		

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,871,433	10/03/89	Wagner et al.	204	192.12	
	AB	5,133,825	07/28/92	Hakamata et al.	156	345	
	AC	5,178,739	01/12/93	Barnes et al.	204	192.12	
	AD	5,482,611	01/09/96	Helmer et al.	204	298.17	
	AE	5,593,551	01/14/97	Lai	204	192.12	
	AF	5,733,405	03/31/98	Taki et al.	156	345	
	AG	5,907,220	05/25/99	Tepman et al.	315	111.41	
	AH	6,014,943	01/18/00	Arami et al.	118	723 E	
	AI	6,077,403	06/20/00	Kobayashi et al.	204	192.12	
	AJ	6,159,351	12/12/00	J'Afer et al.	204	298.19	
	AK	6,163,006	12/19/00	Doughty et al.	219	121.43	

FOREIGN PATENT DOCUMENTS (Translation)								
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

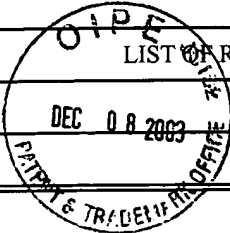
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	
	AS	
	AT	

Examiner	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office					Docket No.: <b>AM-6265-D1</b>			
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<b>U.S. PATENT DOCUMENTS</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	6,179,973	01/30/01	Lai et al.	204	192.12		
	AB	6,193,854	02/27/01	Lai et al.	204	192.12		
	AC	6,290,825	09/18/01	Fu	204	298.2		
	AD	6,352,629	03/05/02	Wang	204	298.2		
	AE	6,413,383	07/02/02	Chiang et al.	204	192.13		
	AF	6,423,192	07/23/02	Wada et al.	204	192.12		
	AG	US/2003/0089601	05/15/03	Ding et al.	204	298.2	11/14/01	
<b>FOREIGN PATENT DOCUMENTS (Translation)</b>								
		Document Number	Date	Country	Class	Subclass	Yes	No
	AH	0 653 776	5/17/95	Europe			X	
	AI	EP 1 091 016	4/11/01	Europe			X	
	AJ	EP 1 119 017	7/25/01	Europe			X	
	AK	EP 1 174 902	01/23/02	Europe			X	
	AL	WO 00/05745	02/03/00	PCT			X	
	AM	WO 02/11176	02/07/02	PCT			X	
	AN	WO 02/37528	05/10/02	PCT			X	
	AO	10204614	08/04/98	Japan			Abstract	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AR	Ashtiani et al., "A new hollow-cathode magnetron source for 0.10µm copper applications", 0-7803-6327-2, 2000, pp. 37-39						
	AS							
	AT							
Examiner			Date Considered					
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>								